

IN THE CLAIMS:

1 1. (Previously presented) A method for use in a computer network having a process
2 manager and a network management station for reporting to the network management
3 station the addition of new applications or processes to the computer network, the method
4 comprising the steps of:

5 providing a configuration service layer in communicating relationship with a new
6 application or process and the process manager;

7 in response to opening the new application or process, issuing a registration serv-
8 ice request from the new application or process to the process manager through the con-
9 figuration service layer;

10 establishing a method at the network management station for persistently and
11 continuously listening for messages from the process manager;

12 in response to receiving the registration service request at the process manager,
13 generating and forwarding a notification message that identifies the new application or
14 process to the network management station; and

15 automatically displaying the notification message at the network management
16 station without having to close and re-start the management station.

1 2. (Original) The method of claim 1 further comprising the steps of:

2 creating a process manager window at the network management station that dis-
3 plays a list of applications and processes opened in the computer network; and

4 in response to receiving the notification message, adding the new application or
5 process to the list of applications and processes displayed in the process manager win-
6 dow.

1 3. (Original) The method of claim 2 further comprising the step of displaying a status, a
2 start time and a location of the new application or process, within the process manager
3 window, based on information from the received notification message.

1 4. (Original) The method of claim 3 wherein the status includes one of up, down, started,
2 not started, and unknown.

1 5. (Original) The method of claim 4 wherein the new application or process has paramete-
2 rs associated with at least one of configure, control, diagnose and status functions, the
3 method further comprising the steps of:

4 in response to selecting the new application or process from the process manager
5 window, displaying at least one of configure, control, diagnose and status buttons associ-
6 ated with the new application or process; and

7 in response to selecting one of the displayed configure, control, diagnose and
8 status buttons, obtaining a respective configure, control, diagnose and status object from
9 the new application or process; and

10 displaying the obtained configure, control, diagnose and status object at the net-
11 work management station.

1 6. (Original) The method of claim 5 further comprising the step of modifying the respec-
2 tive parameters of the new application or process automatically and dynamically in re-
3 sponse to manipulations of the configure, control, diagnose and status object displayed at
4 the network management station.

1 7. (Original) A computer readable medium containing executable program instructions
2 for automatically and dynamically informing a network management station that is dis-
3 posed within a computer network of a new application or process being opened, the com-
4 puter network further including a process manager, the executable program instructions
5 comprising program instructions for:

6 establishing a configuration service layer in communicating relationship with the
7 new application or process and the process manager;

8 in response to opening the new application or process, issuing a registration serv-
9 ice request from the new application or process to the process manager through the con-
10 figuration service layer;

11 establishing a method at the network management station for persistently and
12 continuously listening for messages from the process manager;

13 in response to receiving the registration service request at the process manager,
14 generating and forwarding a notification message that identifies the new application or
15 process to network management station; and

16 automatically and dynamically displaying the notification message at the network
17 management station.

1 8. (Currently amended) A computer workstation for use in a computer network having at
2 least one process manager, the workstation comprising:

3 at least one application or process;

4 a network communication facility;

5 a user interface application; and

6 a configuration service layer in communicating relationship with the at least one
7 application or process and the network communications facility,

8 wherein the at least one application or process and the configuration service layer coop-
9 erate to generate and issue, through the network communication facility, a registration

10 service request to the at least one process manager upon opening of the at least one appli-
11 cation or process at the computer workstation and wherein the process manager is con-

12 figured to generate and forward a notification message that identifies the new application

13 or process to the user interface application in response to receiving the registration serv-
14 ice request.

1 9. (Previously presented) The method of claim 1 further comprising the steps of:

2 detecting a new device added to the network; and
3 upon detecting the new device, generating a second notification object; and
4 passing the second notification object to the network management station.

1 10. (Previously presented) The method of claim 9 further comprising the step of in re-
2 sponse to receiving the second notification object, displaying a name and a location asso-
3 ciated with the new device at the network management station.

1 11. (Previously presented) A computer readable medium as defined in claim 7 further
2 comprising program instructions for:
3 creating a process manager window at the network management station wherein
4 the process manager window displays a list of applications and processes opened in the
5 computer network; and
6 in response to receiving the notification message, adding the new application or
7 process to the list of applications and processes displayed in the process manager win-
8 dow.

1 12. (Previously presented) A computer readable medium as defined in claim 11 wherein
2 the new application or process has parameters associated with at least one of configure,
3 control, diagnose and status functions, the computer readable medium further comprising
4 program instructions for:
5 in response to selecting the new application or process from the process manager
6 window, displaying at least one of configure, control, diagnose and status buttons associ-
7 ated with the new application or process; and
8 in response to selecting one of the displayed configure, control, diagnose and
9 status buttons, obtaining a respective configure, control, diagnose and status object from
10 the new application or process; and

11 displaying the obtained configure, control, diagnose and status object at the net-
12 work management station.

1 13. (Canceled).

1 14. (Currently amended) A computer workstation as defined in claim ~~13~~ 8 further
2 wherein the user interface application is configured to receive the notification message
3 and display the notification message at the network management station without having
4 to close and re-start the management station.

1 15. (Previously presented) A computer workstation as defined in claim 8 further com-
2 prising a topology server configured to detect a new device added to the network and,
3 upon detecting the new device, to issue a notification object to a user application inter-
4 face.

1 16. (Previously presented) A system for dynamically modifying the configuration, set-
2 tings and other parameters associated with one or more applications or processes running
3 in a computer network, the system comprising:

4 means for registering with a process manager upon opening an application or pro-
5 cess;

6 means for generating a notification object upon the registration of an opened ap-
7 plication or process, wherein the notification object contains a reference identifying the
8 opened application or process;

9 means for passing the notification object to one or more user interface applica-
10 tions; and

11 means for presenting the notification object in one or more user interface applica-
12 tions without having to close and re-start the respective user interface application.

1 17. (Previously presented) A system as defined in claim 16 wherein each user interface
2 application contains one or more windows, the system further comprising:
3 means for displaying the notification object in one or more windows contained in
4 one or more user interface applications.

1 18. (Previously presented) A system as defined in claim 16 further comprising:
2 means for creating a process manager window that displays a list of applications
3 and processes opened in the computer network; and
4 means for adding an application or process to the list of applications and proc-
5 esses displayed in the process manager window in response to receiving the notification
6 object.

1 19. (Previously presented) A system as defined in claim 18 comprising:
2 means for displaying at least one of configure, control, diagnose and status but-
3 tons associated with an application or process in response to selecting the application or
4 process from the process manager window;
5 means for obtaining a respective configure, control, diagnose and status object
6 from the new application or process in response to selecting one of the displayed config-
7 ure, control, diagnose and status buttons; and
8 means for displaying the obtained configure, control, diagnose and status object.

1 20. (Previously presented) A system as defined in claim 16 comprising:
2 means for detecting a new device added to the network; and
3 means for issuing a service request to a user application interface upon detecting
4 the new device, wherein the service request contains a name identifying the new device.

1 21. (Previously presented) A system as defined in claim 20 further comprising:
1 means for receiving the service request at a user application; and

2 means for adding the name identifying the new device to a list of devices dis-
3 played in a window presented on a display screen of a workstation.